

CLAIMS:

1. An electric hair trimmer comprising:
a housing having a handle and a head extending from
5 the handle,
two fixed arrays of cutting teeth attached to the
head and facing away from one another,
two movable arrays of cutting teeth facing away from
one another and each cooperating with a respective one of
10 said fixed arrays of cutting teeth, and
an electric motor located within the housing and
affecting movement of the two movable arrays of cutting
teeth.
- 15 2. The electric hair trimmer of Claim 1 wherein the two
fixed arrays of cutting teeth and the two movable arrays
of cutting face in laterally opposed directions.
3. The electric hair trimmer of Claim 1 wherein the two
20 fixed arrays of cutting teeth are formed on a single blade
fixed to the head.
4. The electric hair trimmer of Claim 1 wherein the two
movable arrays of cutting teeth are formed on a single
25 moving blade movable with respect to the head.
5. The electric hair trimmer of Claim 4 further
comprising a pivot member mounted to the head and co-

operating with the motor to transmit rotary output of the motor to linear oscillation of the moving blade.

6. The electric hair trimmer of Claim 5 further
5 comprising a motor output shaft having an eccentric boss and the pivot member has an opening in which the boss is received and with which the boss engages.

7. The electric hair trimmer of Claim 5 wherein the
10 moving blade has a coupling with which an arm of the pivot member engages.

8. The electric hair trimmer of Claim 1 wherein the head
has a number of exposed slots in laterally opposed faces
15 thereof and the electric hair trimmer further comprises a comb attachment receivable by selected opposed pairs of the slots to set a desired hair cutting length.